AUTODOC CLUB

How to change spark plugs on **Audi A3 8L1** – replacement guide

VIDEO TUTORIAL

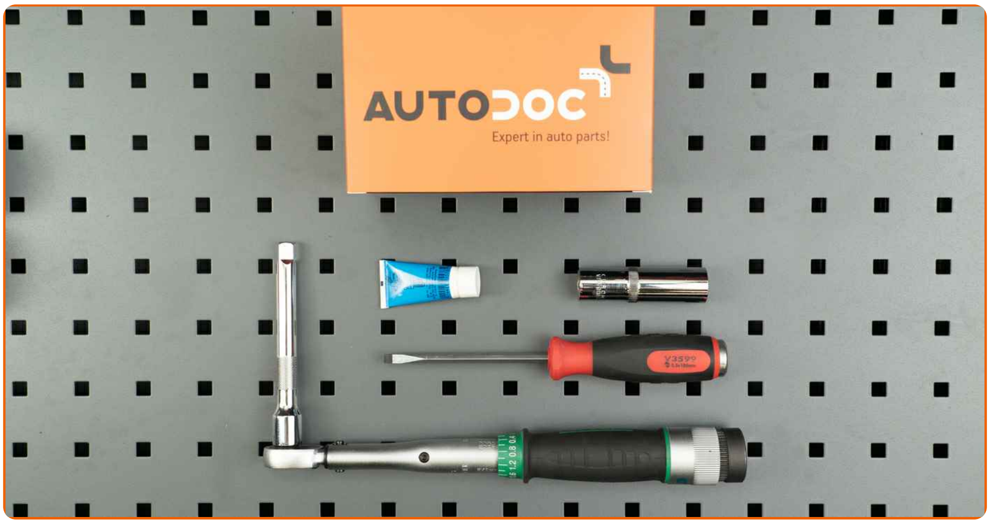


Important!

This replacement procedure can be used for:
AUDI A4 Saloon (8D2, B5) 1.6, AUDI A4 Saloon (8D2, B5) 1.8, AUDI A4 Saloon (8D2, B5) 1.8 T, AUDI A4 Saloon (8D2, B5) 1.8 quattro, AUDI A4 Avant (8D5, B5) 1.6, AUDI A4 Avant (8D5, B5) 1.8, AUDI A4 Avant (8D5, B5) 1.8 T, AUDI A4 Avant (8D5, B5) 1.8 quattro, AUDI A6 Saloon (4A2, C4) 1.8, AUDI A6 Avant (4A5, C4) 1.8, AUDI A6 Saloon (4A2, C4) 1.8 quattro, AUDI A6 Avant (4A5, C4) 1.8 quattro, AUDI A3 Hatchback (8L1) 1.6, AUDI A3 Hatchback (8L1) 1.8 T, AUDI A3 Hatchback (8P1) 1.6 E-Power, (+ 20)

The steps may slightly vary depending on the car design.

REPLACEMENT: SPARK PLUGS – AUDI A3 8L1. TOOLS YOU NEED:



- Torque wrench
- Spark plug socket # 16
- High-temperature anti-seize lubricant
- Fender cover

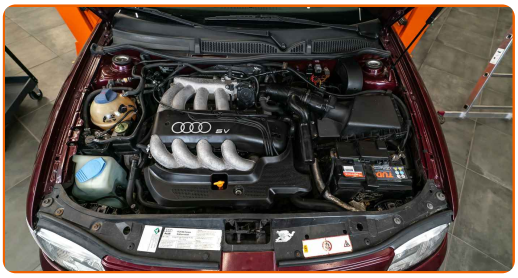
BUY TOOLS

Replacement: spark plugs – Audi A3 8L1. AUTODOC experts recommend:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – AUDI A3 8L1. TAKE THE FOLLOWING STEPS:

1 Open the hood.



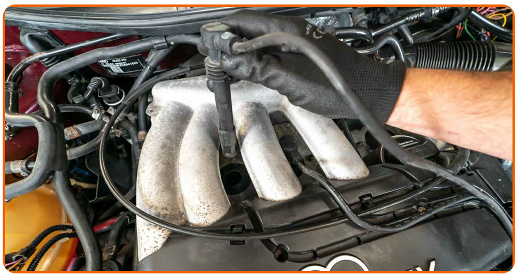
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Release the throttle cable from its fasteners on the engine cover.



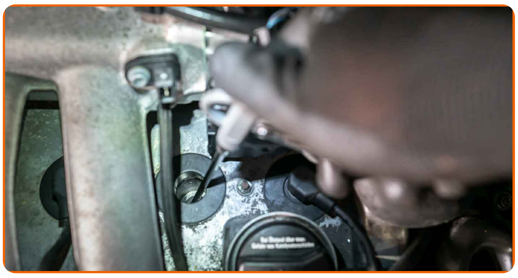
4 Remove the spark plug wire connectors from the spark plug wells.



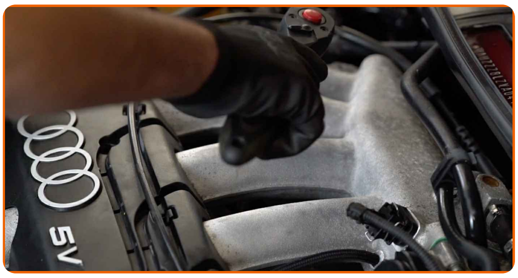
Replacement: spark plugs – Audi A3 8L1. Tip from AUTODOC:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

5 Clean dirt, dust and debris from inside the spark plug wells.



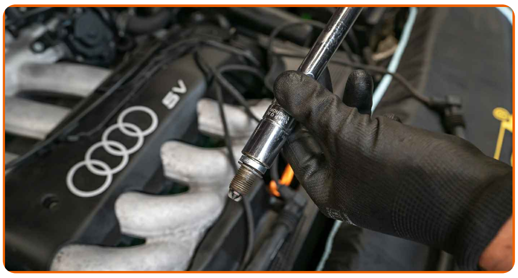
6 Unscrew the spark plugs. Use the spark plug socket #16.



Please note!

- To insert the spark plug wrench into the spark plug well of the cylinder #3, unplug the connector on the engine intake manifold.

7 Take out the spark plugs.



8 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



9 Install the new spark plugs into their mounting seats.



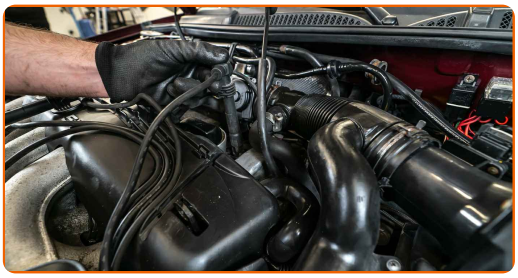
10 Screw new spark plugs and tighten them. Use a torque wrench. Use the spark plug socket #16. Tighten it to 25 nm torque.



Replacement: spark plugs – Audi A3 8L1. Professionals recommend:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

11 Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.



12 Plug in the connector on the engine intake manifold.



13 Secure the spark plug wires in their fasteners on the engine cover.

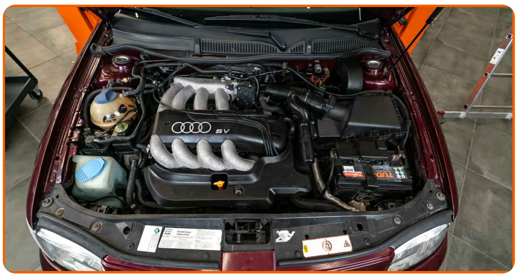
14 Secure the throttle cable in its fasteners on the engine cover.



15 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



16 Remove the fender protection cover.



17 Close the hood.

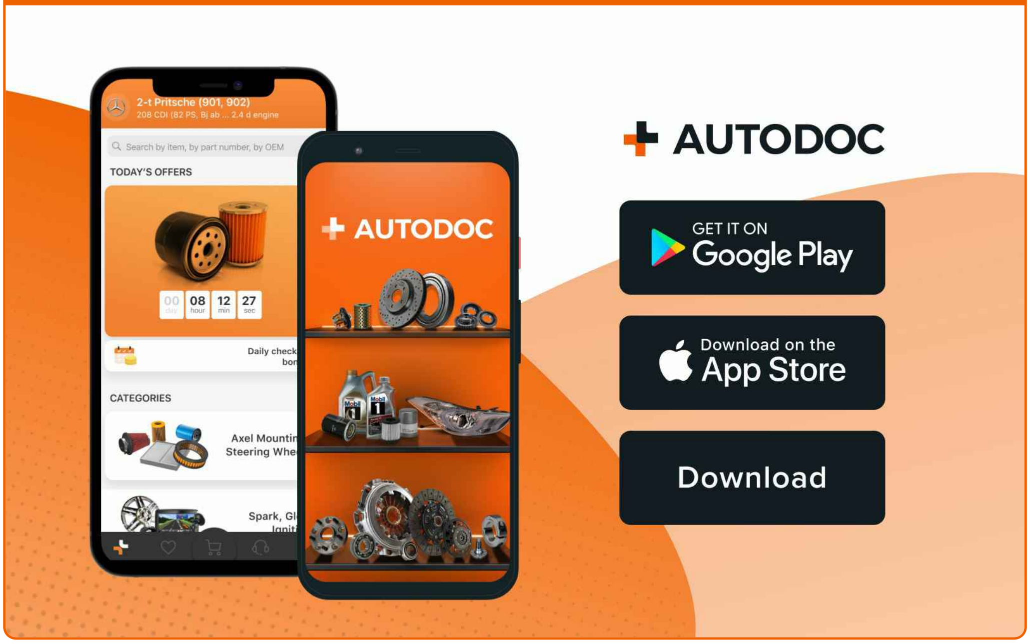


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